

Public Document

No. 56

The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

BOARD OF REGISTRATION IN MEDICINE

FOR THE

YEAR ENDING NOVEMBER 30, 1921

DIVISION OF REGISTRATION  
DEPARTMENT OF CIVIL SERVICE AND REGISTRATION



BOSTON  
WRIGHT & POTTER PRINTING CO., STATE PRINTERS  
32 DERNE STREET



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*Mass.* DEPARTMENT OF CIVIL SERVICE AND REGISTRATION ; *Division*  
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STATE HOUSE, BOSTON  
*Mass. Official*

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## **The Commonwealth of Massachusetts.**

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DEPARTMENT OF CIVIL SERVICE AND REGISTRATION,  
STATE HOUSE, BOSTON, Jan. 13, 1922.

*To the Honorable Senate and House of Representatives.*

GENTLEMEN: — The Director of Registration in the Department of Civil Service and Registration, Division of Registration, submits herewith the report of the Board of Registration in Medicine, which report is to be published separately from the general report of the Director of Registration.

Respectfully,

WILLIAM F. CRAIG,  
*Director of Registration.*



# The Commonwealth of Massachusetts

BOARD OF REGISTRATION IN MEDICINE,  
STATE HOUSE, NOV. 30, 1921.

To WILLIAM F. CRAIG, *Director of Registration.*

SIR:—The Board of Registration in Medicine respectfully submits the following as its annual report for the year ending Nov. 30, 1921.

## FINANCIAL STATEMENT FOR FISCAL YEAR.

### *Appropriations.*

Salaries of members of Board . . . . .	\$4,300 00	
Salaries of members of Chiropody Department . . . . .	600 00	
Salaries of office assistants . . . . .	1,610 00	
Incidental expenses of Board and Department . . . . .	2,000 00	
Extra emergency services for expert stenographers to report important hearings . . . . .	250 00	
		————— \$8,760 00

### *Expenditures.*

Salaries of members of Board . . . . .	\$4,300 00	
Salaries of members of Chiropody Department . . . . .	600 00	
Salary of executive clerk . . . . .	1,560 00	
Extra emergency clerical service (Medical Department) . . . . .	219 28	
Extra emergency clerical service (Chiropody Department) . . . . .	24 11	
Incidental expenses of Board and Department . . . . .	1,647 28	
		————— \$8,350 67

### *Receipts.*

261 examination fees (medicine) at \$25 each . . . . .	\$6,525 00	
75 fees for limited hospital registration (medicine) at \$5 each . . . . .	375 00	
25 examination fees (chiropody) at \$15 each . . . . .	375 00	
1 registration fee (chiropody) at \$10 . . . . .	10 00	
66 re-examination fees (medicine) at \$3 each . . . . .	198 00	
Fees for certified statements (medicine) . . . . .	99 00	
Fees for chiropody renewals . . . . .	844 00	
		————— \$8,426 00



Since the establishment of the Board in 1894, the fees received from applicants for registration, renewals and certified statements, and interest on deposits, and paid into the treasury of the Commonwealth, amount to \$182,675.56. The expenditures of the Board amount to \$178,130.46. In dollars and cents, therefore, the Commonwealth has received \$4,545.10 in excess of the total amount expended.

For the year ending Nov. 30, 1922, the Board recommends an appropriation of \$4,300 for salaries of the medical Board, \$600 for salaries of the Chiropody Department, \$1,560 for salary of executive clerk, \$25 for extra (emergency) service in Chiropody Department, \$250 for emergency clerical service in Medicine Department, and \$3,428 for incidental expenses of Board and Department.

The number of persons applying for registration through examination, for the first time this year, is 261, all of whom have been examined except 5. In addition there were 70 who had failed in previous examinations, making the total of applicants examined 326, as shown in the following table, with percentages: —

APPLICANTS.	Examined.	Registered.	Rejected.	Percentage rejected.
March examination . . . . .	47	18	29	61
May examination . . . . .	26	6	20	76
July examination . . . . .	160	133	27	16
September examination . . . . .	35	26	9	25
November examination . . . . .	42	30	12	28
Additional special examinations for emergencies . . . . .	16	16	—	—
	326	229	97	41



The following tabulation is based upon the results in the first examination of applicants during the year covered by this report: —

MEDICAL INSTITUTIONS GRANTING THE DEGREE.	Number examined.	Number registered.	Year of Graduation of Rejected Applicants.
Tufts . . . . .	73	67	1898-1920-20-21-21-21.
Harvard . . . . .	39	39	
Middlesex College of Medicine and Surgery	32	16	1917-18-18-20-20-20-20-20- 20-20-21-21-21-21-21-21.
Foreign . . . . .	18	11	1904-04-15-15-15-19-19.
Massachusetts College of Osteopathy .	14	4	1909-19-20-20-20-20-21-21- 21-21.
Boston University School of Medicine .	10	10	
Physicians and Surgeons, Boston . .	10	2	1908-16-19-20-20-20-21-21.
College of Physicians and Surgeons of Columbia College.	5	5	
University of Maryland School of Medicine and College of Physicians and Surgeons	4	2	1919-21.
University of Vermont . . . . .	4	4	
Johns Hopkins . . . . .	4	4	
University of Pennsylvania . . . .	3	3	
Laval . . . . .	3	—	1903-18-20.
College of Physicians and Surgeons of Southern California.	2	1	1920.
American School of Osteopathy . .	2	—	1920-21.
American Medical Missionary College .	2	2	
Jefferson Medical College . . . .	2	2	
University of Southern California . .	2	1	1920.
St. Louis College of Physicians and Sur- geons.	2	2	
Detroit College of Medicine and Surgery .	2	2	
Grand Rapids Medical College . . .	1	—	1906.
Baltimore Medical College . . . .	1	—	1902
Emory University . . . . .	1	—	1920.
Rush Medical College . . . . .	1	1	
University Medical College of Kansas City	1	1	
Kentucky School of Medicine . . .	1	—	1906.
Fordham University . . . . .	1	1	
Woman's Medical College of Pennsylvania	1	1	
Hahnemann Medical College of the Pacific	1	1	
Maryland Medical College . . . .	1	1	
Long Island College Hospital . . .	1	1	
Chicago College of Osteopathy . . .	1	1	
Kansas City University of Physicians and Surgeons.	1	1	
Philadelphia College of Osteopathy . .	1	1	
University and Bellevue Hospital Medical College.	1	1	

MEDICAL INSTITUTIONS GRANTING THE DEGREE.	Number examined.	Number registered.	Year of Graduation of Rejected Applicants.
Georgetown University School of Medicine	1	1	
University of California . . . . .	1	1	
University of Illinois College of Medicine .	1	1	
Yale . . . . .	1	1	
Vanderbilt University . . . . .	1	1	
Stanford University . . . . .	1	1	
Loyola University . . . . .	1	1	
Marquette University . . . . .	1	1	
Medico Chirurgical College of Pennsylvania	1	1	
Hahnemann, Pennsylvania . . . . .	1	1	

Tabulations showing number of first examinations and average rating of applicants from medical schools represented by not less than three applicants follow:—

MEDICAL INSTITUTIONS GRANTING THE DEGREE.	Number examined.	Average Rating.
Tufts . . . . .	73	77.7
Harvard . . . . .	39	81.8
Middlesex College of Medicine and Surgery . . . . .	32	73.5
Foreign . . . . .	18	70.9
Massachusetts College of Osteopathy . . . . .	14	66.7
Boston University School of Medicine . . . . .	10	78.2
Physicians and Surgeons, Boston . . . . .	10	69.5
College of Physicians and Surgeons of Columbia College .	5	82.1
University of Maryland School of Medicine and College of Physicians and Surgeons.	4	74.8
University of Vermont . . . . .	4	78.0
Johns Hopkins . . . . .	4	85.2
University of Pennsylvania . . . . .	3	81.9
Laval . . . . .	3	57.8

The following tabulation shows the record of rejected applicants, and the institutions from which they were graduated:—

NAME OF INSTITUTION GRANTING THE DEGREE.	Number rejected.	Times rejected.	Registered on —
Massachusetts College of Osteopathy . . .	1	4	Fifth examination.
Massachusetts College of Osteopathy . . .	1	2	Third examination.
Massachusetts College of Osteopathy . . .	1	1	Second examination.
Massachusetts College of Osteopathy . . .	7	1	
Middlesex College of Medicine and Surgery .	1	3	Fourth examination.
Middlesex College of Medicine and Surgery .	1	3	
Middlesex College of Medicine and Surgery .	3	2	Third examination.
Middlesex College of Medicine and Surgery .	3	2	
Middlesex College of Medicine and Surgery .	3	1	Second examination.
Middlesex College of Medicine and Surgery .	5	1	
College of Physicians and Surgeons, Boston .	1	4	
College of Physicians and Surgeons, Boston .	1	3	Fourth examination.
College of Physicians and Surgeons, Boston .	2	1	Second examination.
College of Physicians and Surgeons, Boston .	4	1	
Foreign . . . . .	1	3	Fourth examination.
Foreign . . . . .	1	2	
Foreign . . . . .	2	1	Second examination.
Foreign . . . . .	3	1	
Tufts . . . . .	1	2	
Tufts . . . . .	5	1	Second examination.
University of Maryland and College of Physicians and Surgeons.	1	2	Third examination.
University of Maryland and College of Physicians and Surgeons.	1	1	
Laval . . . . .	1	3	
Laval . . . . .	1	2	Third examination.
Laval . . . . .	1	1	
College of Physicians and Surgeons, Southern California.	1	3	
American School of Osteopathy . . . . .	1	3	
American School of Osteopathy . . . . .	1	1	Second examination.
University of Southern California . . . . .	1	1	
Grand Rapids Medical College . . . . .	1	1	
Baltimore Medical . . . . .	1	2	Third examination.
Emory Medical . . . . .	1	1	Second examination.
Kentucky School of Medicine . . . . .	1	4	

The following hearings have been conducted: —

Cases.	HEARINGS ON COMPLAINTS AND PETITIONS.	Action.
1	Association with an unregistered person for the purpose of carrying on the practice of medicine.	No action.
2	Association with an unregistered person for the purpose of carrying on the practice of medicine.	Registration suspended.
3	Association with an unregistered person for the purpose of carrying on the practice of medicine.	Registration suspended.
4	Association with an unregistered person for the purpose of carrying on the practice of medicine.	Dismissed without prejudice.
5	Petition for reinstatement . . . . .	Placed on file.
6	Petition for reinstatement . . . . .	Leave to withdraw.
7	Petition for reinstatement . . . . .	Leave to withdraw.
8	Petition for reinstatement . . . . .	Leave to withdraw.
9	Petition for reinstatement . . . . .	Leave to withdraw.
10	Petition for reinstatement . . . . .	Leave to withdraw.
11	Petition for reinstatement . . . . .	Leave to withdraw.
12	Petition for reinstatement . . . . .	Leave to withdraw.
13	Petition for reinstatement . . . . .	Leave to withdraw.
14	Petition for reinstatement . . . . .	Request granted.
15	Petition for reinstatement . . . . .	Leave to withdraw.
16	Petition for reinstatement . . . . .	Request granted.
17	Petition for reinstatement . . . . .	Request granted.
18	Petition for reinstatement . . . . .	Leave to withdraw.
19	Petition for reinstatement . . . . .	Leave to withdraw.
20	Alleged performance of criminal abortion .	Registration canceled.
21	Alleged performance of criminal abortion .	Action postponed.
22	Alleged performance of criminal abortion .	Registration revoked.
23	Alleged performance of criminal abortion .	Registration revoked.
24	Violation of narcotic drug act . . . . .	Certificate revoked.
25	Violation of narcotic drug act . . . . .	Placed on table.
26	Violation of narcotic drug act . . . . .	Placed on file.
27	Violation of narcotic drug act . . . . .	Registration revoked.
28	Failure to report a communicable disease .	Registration suspended.
29	Petition for admission to examination . .	Leave to withdraw on question of moral character.
30	Extortionate charges . . . . .	No action.
31	Gross misconduct in practice of profession .	Registration revoked.
32	Gross misconduct in practice of profession .	Dismissed without prejudice.
33	Gross misconduct in practice of profession .	Suspended one month.
34	Gross misconduct in practice of profession .	Placed on file.
35	Adjudged insane . . . . .	Registration canceled.



Applications for registration must be made upon blanks furnished by the Board, and must be accompanied by two photographs of the applicant; said photographs must be size  $3\frac{1}{4}$  by  $4\frac{1}{4}$  inches. One of the photographs must be certified by the dean or registrar of the medical college from which the applicant is graduated, or by a person authorized to administer oaths, and who is known to this Board. All applications, together with the required fee of \$25, and the required vouchers, must be filed not later than seven days before the date of the examination.

On receipt of an application properly executed, a ticket of admission is issued to the applicant, showing his application number and the date and place of the examination. One of the photographs submitted with the application is also returned with the card, and the number of the application is designated on the photograph, and both card and photograph must be presented by the applicant at the time of the examination. No one is admitted except by card bearing date and place of examination. Cards are issued to rejected applicants entitled to a re-examination upon payment of a fee of \$3, when applied for not later than Tuesday of the week next preceding the date of an examination.

Three examinations yearly are provided by law, beginning, respectively, on the second Tuesday in March, July and November. Extra meetings for conducting examinations have been held beginning on the second Tuesday in May and September, and special examinations whenever the need for immediate service to an institution or locality seemed to warrant especial concession.

The examinations are conducted in the English language only, as required by law, and are intended to cover substantially the instruction given in the high-grade medical schools in this country. The subjects on which the examinations are principally conducted are anatomy and histology, pathology and bacteriology, surgery, obstetrics and gynecology, diagnosis and therapeutics, pediatrics and toxicology.

In the preceding report the Board referred to the objections raised against examinations which were so largely written as to require evidence of memory of contents of textbooks rather

than actual understanding of the symptoms of disease and knowledge of methods which should be employed for the purpose of ascertaining the actual conditions of a patient. The progress of curative medicine has been great in recent years; but suitable treatment can be applied only after comprehension of conditions existing, and understanding of the changes taking place can be acquired only by a knowledge of pathology, and ability to interpret findings, which are in evidence, through the use of laboratory methods and the employment of scientific apparatus. Proper services to the sick cannot be rendered without an understanding of the causes of illness, and modern treatment is based on data obtained through scientific investigation.

Medicine, although to a degree an art in its application, is much more dependent on the utilization of demonstrated facts than it was a year ago; and since the purpose of laws enacted, governing the registration of physicians, was to provide efficient service to the people, it is now necessary to determine the qualifications of practitioners according to modern standards.

This contention was evidently in the minds of legislators, for a law was passed authorizing this Board to employ assistants for the purpose of conducting a different type of examination. But the Legislature omitted to make financial provisions for the expenses of such examinations, therefore the Board has only been able to develop this method to a limited degree. When the State shall make adequate appropriations for these examinations, they will be conducted so as to meet the necessities of present-day conditions. The following is the text of the act providing for this additional form of examination:—

#### CHAPTER 313.

#### AN ACT PROVIDING FOR ASSISTANCE FOR CONDUCTING EXAMINATIONS FOR REGISTRATION OF PHYSICIANS.

*Be it enacted, etc., as follows:*

Section three of chapter one hundred and twelve of the General Laws is hereby amended by adding at the end thereof the following:—The board may employ expert assistance in conducting hospital and laboratory tests. [*Approved April 26, 1921.*]



The Legislature of 1921 also passed the following act requiring the Board to give examinations in psychiatry after July 1, 1923: —

CHAPTER 409.

AN ACT RELATIVE TO THE EXAMINATION OF APPLICANTS FOR REGISTRATION AS PHYSICIANS.

*Be it enacted, etc., as follows:*

SECTION 1. Section three of chapter one hundred and twelve of the General Laws is hereby amended by inserting before the word "practice", in the fourth line, the word: — psychiatry, — so as to read as follows: —  
Section 3. Examinations shall be in whole or in part in writing, in English, shall be of a scientific and practical character, shall include the subjects of anatomy, surgery, physiology, pathology, obstetrics, gynæcology, psychiatry, practice of medicine and hygiene, and shall be sufficiently thorough to test the applicants' fitness to practice medicine.

SECTION 2. This act shall take effect July first, nineteen hundred and twenty-three. [*Approved May 19, 1921.*]

All medical colleges in this country have been notified of the changes in the law.

However much may be accomplished by examinations, there are other phases attendant upon the registration of physicians which should be kept in mind, for the practice of medicine requires of the exponents of this profession the best possible intellectual development, and the average mind can grasp the complicated problems presented to students much better if the foundation has been laid through premedical studies; hence the State should require that students should not only be graduates of medical schools, but also should have had a reasonable training in fundamental sciences.

The Board has repeatedly recommended to the Legislature that applicants for registration in medicine should be graduates from medical schools which require matriculants to have completed an equivalent of study required in the first and second years in a college of liberal arts. The opposition to this recommendation by representatives of low-grade medical schools led the Legislature to decline to endorse this recommendation of the Board, so that Massachusetts continues to occupy the unenviable distinction of refusing to follow the example set by about forty other States in this country, and practically all foreign countries.

There seems to be a feeling in this State that a physician has inherent qualities which are not necessarily acquired through mental training, and therefore a broad education is not essential to the practice of medicine. Practically all teachers and high-grade practitioners are unanimous in believing that an efficient doctor is the finished product of a well-equipped medical school, and however well an individual may be endowed by nature, no one can be efficient in the highest sense without education and training. It is hoped that the Legislature will eventually act in behalf of the people, and require higher standards.

By reference to the statistics, one may be impressed by the failure of an abnormal number of the graduates of certain schools to secure registration. This demonstration should convince our lawmakers that steps should be taken to insure better training. A plausible argument, often used in defence of the low-grade school, is the difficulty of securing enough physicians for rural communities. It has been quite well shown that there are enough doctors to take care of the people of this State, but the difficulty is with the distribution, for the tendency among members of the profession is to drift to the centers, where there are more than enough men to supply the demand. This is the common tendency of modern times, and a larger supply recruited from graduates of lower grade schools would not affect existing conditions. Indeed, it has been found that poorly equipped men can usually find more practice in cities than in country towns, because a man's ability is more generally estimated in small places, and if he cannot measure up to standard qualifications, all the discriminating inhabitants understand, and the relatively smaller group of indifferent people would not furnish attractive opportunities for securing a livelihood.

There is at the present time renewed agitation of the question of licensing midwives. Opinions relating to this problem differ. Some contend that since the midwife exists, and her services are sought by a considerable number of people, there should be some form of registration for this class of practitioners, and supervision of the practice. To a large extent this is an imported custom, and hence is adhered to by groups accustomed to this service. The argument is also advanced that statistics

show that the mortality incident to the work of these practitioners is lower than is found among patients attended by physicians, and the further contention is made that, since health officials in New York City endorse this custom, it would be valuable in this State. It is generally conceded, however, that the apparently lower mortality statistics of those attended by midwives may be due to the fact that the more dangerous abnormalities incident to pregnancy and parturition necessarily come under the physician's care, and it is known that in some instances the delay in calling physicians has been a factor determining a fatal result; hence the problem is not a simple one nor easy of solution.

The complications incident to careless or criminal practice continue to be a source of anxiety. There is accumulated evidence of failure to recognize some of the dangerous forms of disease early enough to have remedial measures applied; for example, the new growths, and some infectious diseases, of which diphtheria is an illustration. Medical societies are constantly warning the people of the necessity of early and radical treatment of cancer. Communicable diseases are not only important from the individual's safety, but the State is profoundly interested in the public health problems involved. Aside from the poorly equipped graduates from a medical school, the practitioners of the so-called cults seem to be unable to realize the vital importance of applying accepted medical treatment, and in some instances depend on manipulation, which cannot have any curative effect. No one denies the advantage of properly applied massage, but when manipulation is used in place of indicated surgery, or the specific sera in appropriate cases, the individual suffers and the State may be affected.

The sequential reasoning follows that although any well-qualified physician may use any method which he decides is valuable, the State may properly insist that when individual judgment is the vital factor, that judgment should be exercised by a person of developed mind and sound training. In many States political influence has brought recognition of the cults, and efforts will be made to secure State registration in Massachusetts. In deciding this question the safety of the people



should be the determining factor, and no group of practitioners should be licensed unless applicants can show that approved training in the fundamental sciences of pathology, physiology, anatomy, biochemistry and symptomatology have been secured.

The term of appointment of Dr. Augustus L. Chase expired in July, 1921, and Dr. Francis X. Corr was appointed to fill the vacancy. The Board desires to express its appreciation of the faithful service rendered by Dr. Chase since its organization in 1894.

The following letter was sent to Dr. Chase, in recognition of his service: —

DEAR DR. CHASE: — The Board wishes, in so far as it is able, to send you some testimonial as to your service and faithfulness as a member of the Board, and to express in some lasting way its appreciation of your companionship for so many years.

The enclosed testimonial bears evidence of the regret of the Board that the pleasant associations of the past years are severed.

Very sincerely yours,

SAMUEL H. CALDERWOOD, *Chairman*.

MICHAEL F. FALLON.

MATTHEW T. MAYES.

NATHANIEL R. PERKINS.

CHARLES E. PRIOR.

WALTER P. BOWERS, *Secretary*.

#### REGISTRATION OF CHIROPODISTS.

The Board has examined 25 applicants for registration. Each examination has occupied one full day. The written exercises are conducted in the State House, and the practical demonstrations, under the supervision of Messrs. Kenison and Pettingill, at the School of Chiropody. Each applicant is obliged to furnish his own equipment and demonstrate his proficiency upon a patient.

Drs. Perkins, Calderwood and Bowers have represented the Board of Registration in Medicine, and Messrs. Kenison and Pettingill the chiropodists, in this work.

There were 444 chiropodists who took out annual renewal registration certificates for the year 1921.

A list of physicians and chiropodists registered during the year will be found in the Appendix.

Respectfully submitted,

SAMUEL H. CALDERWOOD, M.D., *Chairman.*

WALTER P. BOWERS, M.D., *Secretary.*

NATHANIEL R. PERKINS, M.D.

MATTHEW T. MAYES, D.O., M.D.

CHARLES E. PRIOR, M.D.

MICHAEL F. FALLON, M.D.

FRANCIS X. CORR.





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## APPENDIX

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# A CERTIFIED LIST OF PHYSICIANS REGISTERED IN MASSACHUSETTS DURING 1921.

Alexander, William Hamlet. <sup>1</sup>	Caldwell, John Oatley.
Ameer, Alexandria.	Calicchio, David Julius.
Anderson, Arthur Forest. <sup>1</sup>	Carpenter, George Kenyon.
Arne, James Alexander. <sup>1</sup>	Carroll, John Aloysius. <sup>1</sup>
Attridge, Arthur James.	Castle, William Bosworth.
	Castle, William Bosworth. <sup>1</sup>
Baghdoyan, Nerses Manoug.	Castro, Antonio Maria de Sousa
Bagusin, Alexis Matthew.	Rebello de Madureira e.
Barber, Thomas Maxfield. <sup>1</sup>	Chillingworth, Felix Percy.
Barone, Anthony.	Clare, Wendell Phillips.
Barrett, James Aloysius.	Clark, James Frederic Wright.
Barritt, Robert James.	Cochrane, William Alexander.
Barron, David.	Cohen, Julius William.
Bassow, George Winthrop.	Coleman, Robert Martin.
Baxter, Raymond Harding.	Collinson, Arthur William.
Benedict, Mary Kendrick.	Conlon, Leo Vincent.
Benjamin, Aubrey Crane.	Coone, Francis Herbert.
Berkowitz, Arthur.	Correa, John Francis, Jr.
Berman, David.	Cregg, Aloysius James.
Biddle, Stephen Mulford.	Cregg, Herbert Alexander.
Bloombergh, Horace Deschamps.	Crockett, Leon Wardwell.
Blumgart, Herrmann Ludwig. <sup>1</sup>	Croisler, Joseph Augustus, Jr. <sup>1</sup>
Boruchoff, Henry.	Cronin, Edward Joseph.
Bousquet, Franklyn Philip.	Crowley, Thomas Francis.
Bousquet, Franklyn Philip. <sup>1</sup>	
Bouvé, Howard Allston. <sup>1</sup>	Dalton, Allan Beetem. <sup>1</sup>
Bouvé, Howard Allston.	Damsky, Charles.
Bowen, Earl Allwood. <sup>1</sup>	da Silva, Alvaro Tertuliano.
Bowman, Karl Murdock.	Davis, Thomas Francis.
Braverman, Aaron Harry.	Derian, Mardiros Hovhannes.
Brown, Fairy Potter Palmer.	Dockry, Lyman Edwin.
Bruce, Charles Eli.	Dressler, Morris Lawrence.
Buck, Robert William. <sup>1</sup>	Drinker, Cecil Kent.
Byers, Randolph Kunhardt. <sup>1</sup>	Dunphy, John Joseph.
Caldicott, George Francis.	Easterling, Ruth Marguerite.
Caldicott, George Francis. <sup>1</sup>	Ehrenclou, Alfred Hjalmar.

<sup>1</sup> Denotes limited practice as medical hospital officer.

Elkin, Dan Collier.<sup>1</sup>  
 Elliot, John Joseph.<sup>1</sup>  
 Elliot, Leslie Elmo.  
 Evans, Theodore Schlosser.<sup>1</sup>  
 Everett, Winchester Winslow.

Favaloro, John.  
 Fenton, Herbert Ambrose.  
 Ferry, Ronald Mansfield.  
 Fielding, Bennett Irving.  
 Fitchet, Seth Marshall.  
 Fitchet, Seth Marshall.<sup>1</sup>  
 Flockton, Priscilla.  
 Foster, Daniel Parsons.<sup>1</sup>  
 Fremont-Smith, Frank, Jr.  
 Friederman, Elie Louis.  
 Frost, Nugent George.

Gagnon, Alphonse Paul.  
 Gamble, Clarence James.<sup>1</sup>  
 Garneau, Benoit Wilfrid.  
 Garoyan, Gaspard.  
 Gear, Patrick Edward.  
 Gebhardt, Frederick Henry.<sup>1</sup>  
 Geist, Frederick Denkmar.  
 Gibson, David Howard.  
 Gilbert, Raymond Edwin.<sup>1</sup>  
 Glebow, Eleanore Marguerite.  
 Glickman, Abraham Jacob.  
 Glickman, Alfred Myron.  
 Glickman, Helene Sarah.  
 Gordon, Burgess Lee.<sup>1</sup>  
 Grant, Reginald Franklin.  
 Grant, Samuel Becker.<sup>1</sup>  
 Grey, Anna Barbara.  
 Griffin, Charles Henry.  
 Guimarães, Abilio Santos.

Hagan, Thomas Joseph.<sup>1</sup>  
 Hagan, Thomas Joseph.<sup>1</sup>  
 Hahn, Myron Jacob, Jr.  
 Haire, Paul Gregory.  
 Halloran, Edward Joseph.  
 Hamilton, Wallace Field.  
 Hanson, Lester Arthur.

Hanyezewska, Pauline Kathryn.  
 Harrington, Winthrop Wendell.  
 Harris, Paul Leon.  
 Hartigan, John Joseph.<sup>1</sup>  
 Hatch, Ernest Downing.  
 Hayes, Arthur Warren.  
 Hayes, Arthur Warren.<sup>1</sup>  
 Hazen, Bernice Merriam.  
 Hemenway, Ruth Victoria.  
 Herman, William.<sup>1</sup>  
 Herrin, Herbert Eliot.<sup>1</sup>  
 Hinchey, Richard James.  
 Hjort, Axel Magnus.<sup>1</sup>  
 Hoberecht, Carl Albert.<sup>1</sup>  
 Hobgood, Legan Henry.  
 Hoeffel, Gerald Norton.  
 Hoffman, Anna.  
 Hogan, Charles Henry, Jr.  
 Hogan, William John.  
 Hopkins, John Edward.  
 Howe, Marion Lisabeth.  
 Hu, Cheng Hsiang.  
 Hymen, Max Harry.

Jannini, Rose Florence.  
 Jones, Stephen George.  
 Jones, Stephen George.<sup>1</sup>  
 Josselson, Israel.<sup>1</sup>

Kamberg, Samuel.  
 Kaplan, Julius Arthur.  
 Kaye, Josephine Louise.<sup>1</sup>  
 Kazanjian, Varaztad Houhanes'.  
 Keane, John Francis.  
 Kelly, John Stanislaus.  
 Key, John Albert.  
 Kingman, Winslow Morrison.  
 Kinkad, Edmund Clark.  
 Kistler, John Clayton.<sup>1</sup>  
 Knowlton, Donald Swett.<sup>1</sup>  
 Kontoff, Henry Arthur.  
 Kontoff, Henry Arthur.<sup>1</sup>  
 Koskenhovi, Paavo Antero.  
 Koumrian, Moses H.  
 Krantz, Michael.

<sup>1</sup> Denotes limited practice as medical hospital officer.

Kraus, Dorris Presson.  
Kupelian, Movses.

La Ferrière, Arthur Louis.  
Lanigan, William Nicholas.  
Laserson, Joseph.  
Leavitt, Thomas William.  
Levine, Elijah Louis.  
Liebman, Charles.  
Lierle, Dean McAllister.<sup>1</sup>  
Litvich, Michael.  
Lodge, Athens Vallette.  
Lombardi, Pasquale Frederick.  
Lugitch, Maurice.  
Luther, Amy Gladding.  
Lydon, Cyril Michael.  
Lynch, Clement.<sup>1</sup>  
Lyon, Don Dee.<sup>1</sup>

Macdonald, Martin Luther.  
Macdonald, William Joseph.  
Mackler, David.  
Marbaker, Norval Douglass.  
Marble, Howard Bennett.  
Marchand, Jean Charles.  
Marinus, Carleton J.<sup>1</sup>  
Massa, Pasquale.  
Matthews, Henry Alexander.  
Mattia, Anthony Frank.  
Matzek, Neil Clayton.  
Matzek, Neil Clayton.<sup>1</sup>  
McConnell, William Ethelbert.<sup>1</sup>  
McGarrahan, John Cooley.  
McIver, Monroe Anderson.<sup>1</sup>  
McMurrey, Allen Lamar.  
Mezer, Joseph Henry.  
Michelson, Ellis.  
Miller, Harry Willis.  
Miller, James Abston.  
Miranda, Carlos Alberto de Sá.  
Muelchi, Adeline Ferra.<sup>1</sup>  
Murphy, Arthur John.  
Murphy, Thomas Burke.  
Narcisse, Clemente James.

Nelligan, Thomas Hayes.  
Newman, Joseph Abraham.  
Novack, Hyman Allan.

O'Brien, Francis Edward.  
O'Brien, Thomas Francis.  
Ormond-Smith, Lawrence.<sup>1</sup>  
Ormond-Smith, Lawrence.  
Osborne, Carver Haines.  
Oslin, Joseph Edwin.

Parker, George Leonard.  
Parker, George Leonard.<sup>1</sup>  
Paul, Frederick Henry, Jr.  
Pendola, Anthony Salvatore.  
Petrillo, Carmen Ralph.  
Pierce, Carl Webster.  
Portnoy, Maurice.  
Pratt, Ernest Frederick.

Raynes, Alphonso Francis.  
Rice, Kenneth Harrison.  
Rifkin, Abraham.  
Risk, Winthrop Allen.  
Romberg, Eli Charles.  
Rooney, John Francis.  
Rooney, John Francis.  
Ross, Florence Mirick.  
Russell, Euna Maxine Hayden.  
Ryan, James Patrick.  
Ryan, Robert Raymond.

Sachs, Benjamin.  
Sampson, John Jacob.<sup>1</sup>  
Sanford, Clarence Higgins.  
Schloss, Oscar Menderson.  
Scudder, Bradford Chase.<sup>1</sup>  
Sharp, Benjamin Samuel.  
Shattuck, Ray Hammond.  
Shea, Francis Xavier.  
Shea, Thomas Edward.  
Sherman, William Eurasti.<sup>1</sup>  
Shir, Martin Morris.  
Shukle, Revashanker Maganlal.  
Shutts, Fanny Elizah.

<sup>1</sup> Denotes limited practice as medical hospital officer.



Siegel, Louis.  
Silberg, Morris Abraham.  
Silbert, Harry.  
Silvernail, Raymond Warren.  
Simpson, George Winslow.<sup>1</sup>  
Smarzo, Marjorie.  
Sowers, Martin Luther.<sup>1</sup>  
Spaulding, Raymond Bacon.  
Spitz, Jacob.  
Spiva, Charles.  
Springer, Ernest.  
Stanhope, Alvin Hatch.  
Stone, Moses Jacob.  
Sullivan, Jeremiah Vincent.  
Sziklas, Charles.

Tansky, Morris Ezrail.  
Tartakoff, Samuel.  
Tartakoff, Samuel.<sup>1</sup>  
Taylor, Jay Richard.  
Taylor, Marianna.<sup>1</sup>  
Tefft, Richard Carlisle, Jr.<sup>1</sup>  
Tetrault, Philias Eugene.  
Thompson, James Braden.  
Thompson, James Braden.<sup>1</sup>  
Thomson, Thomas Mather.  
Thorndike, Augustus, Jr.  
Thorpe, Franklyn.<sup>1</sup>  
Thurman, Aaron.  
Tillotson, Kenneth James.<sup>1</sup>  
Tober, Jacob Benjamin.  
Tokarczyk, John Joseph.  
Toot, Joseph Frederick.<sup>1</sup>  
Tower, Rita Belle.<sup>1</sup>  
Towlerton, Fletcher Johnson.<sup>1</sup>

Townsend, James Harvey.<sup>1</sup>  
Tripp, Curtis Carver.<sup>1</sup>  
Vela, Francisco.  
Vickers, Denver M.<sup>1</sup>  
Walsh, Frank Alexander.  
Walsh, John Francis.  
Walter, Eleanor Dally.  
Watman, Anthony Joseph.  
Weinheimer, Lambert Henry.<sup>1</sup>  
Weinrebe, Joseph.  
Wells, William Charles Veigel.<sup>1</sup>  
Weyher, Russell Frank.  
Wheeler, Daniel Wilbur.<sup>1</sup>  
White, Earl Russell.  
White, Leon Edward, Jr.  
White, William Allen, Jr.  
Wight, Freeman Clark.  
Williams, Geoffrey.  
Williams, John Francis.  
Williams, Richard Joseph.  
Wilson, Edward Harlan.<sup>1</sup>  
Wing, Deborah Waranow.  
Wood, James Edwin, Jr.<sup>1</sup>  
Yerburg, Edgar Crawford.  
Yerburg, Edgar Crawford.<sup>1</sup>  
Young, Clark.<sup>1</sup>  
Young, Ernest Thomas.  
Young, Ernest Thomas.<sup>1</sup>  
Zelig, David.  
Zonn, Seymour Israel.

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<sup>1</sup> Denotes limited practice as medical hospital officer.



A CERTIFIED LIST OF CHIROPODISTS REGISTERED IN MASSACHUSETTS DURING 1921.

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Brassard, Arthur Horace.  
Briggs, Edna Edelia.  
Burns, Thomas.  
Burnstein, Abraham.  
Cardinal, Alfred Edmond.  
Chaput, Emile Arthur.  
Dalton, William Thomas.  
Deering, Charlotte Adams.  
Draper, George Whitney Williams.  
Fitzpatrick, Patrick Joseph.  
Freedman, Samuel.  
Garbarino, Lewis Emmanuel.  
Isaacs, Sydney Sidney.

Kempner, Bertie Bettina.  
Laws, Julia Ellen.  
Lelyveld, Joseph.  
Levinton, Nathaniel.  
List, Rudolph Gabriel.  
McGrady, Joseph Patrick.  
Nelson, Harry Wayland.  
Prince, Emma Jane.  
Rousseau, Beatrice Torrey.  
Stein, Harry.  
Terry, Dennis Leo.  
Vaillancourt, Joseph Oscar.





